

# COLLEGE OF NATURAL AND SOCIAL SCIENCES

## HEALTH SCIENCE



### PRE-MEDICINE HEALTH SCIENCE PRE-PROFESSIONAL PROGRAM

Physicians and surgeons diagnose and treat injuries or illnesses. Physicians examine patients, take medical histories, prescribe medications, and order, perform and interpret diagnostic tests. They often counsel patients on diet, hygiene and preventive health care. Surgeons operate on patients to treat injuries, such as broken bones; diseases, such as cancerous tumors; and deformities.



#### Physician responsibilities:

- Takes a patient's medical history
- Updates charts and patient information
- Orders tests for nurses or other healthcare staff to do
- Reviews test results to identify any abnormal findings
- Recommends and designs a plan of treatment
- Answers concerns or questions

#### Surgeon responsibilities:

- Provides information to a patient
- Performs accurately in the operating room
- Relies on a team for assistance during the procedure
- Quickly identifies problems and corrects them
- Communicates care requirements to the patient and family
- Answers concerns or questions

#### UNK advantages:

- Smaller class size
- Low student-to-faculty ratio
- Laboratory experiences
- Strong science preparation
- Contact with local professionals
- Application process assistance
- Shadowing programs
- Health Science Club

#### Health career benefits

- Secure and meaningful employment
- Opportunities for advancement
- Variety of jobs in different settings
- Chance to help people in need

### Student profile

"I've always been fascinated by how living things function at a molecular level - humans in particular. It is crazy how many little things can go wrong to cause tremendous problems, and even crazier how many things have to go right for someone to be healthy," said Rachel Wemhoff from Columbus.



RACHEL WEMHOFF

"Having a biology major has given me an outlet to satiate my curiosity. At UNK, all of my professors have been incredibly knowledgeable and more than willing to share that knowledge with their students." In the health science department, students have many opportunities to learn more about healthcare in general.

"One of the most notable was a trip to Colorado to be a cabin counselor for kids with different medical diagnoses. These experiences have allowed me to grow as a person and have solidified my desire to become a healthcare professional. I couldn't be happier with my choice to come to UNK, and if given the chance to go back, I would choose UNK every time."

#### KHOP SCHOLARSHIP

High school seniors from rural Nebraska who have a sincere interest in becoming a healthcare provider and a willingness to practice in rural Nebraska are encouraged to apply for the Kearney Health Opportunities Program scholarship. See the department for more information.

#### SUCCESSFUL STUDENTS

Successful healthcare students display good moral character, lead with confidence, value healthcare, communicate well, show compassion and adapt to change.

**HEALTH SCIENCE PRE-PROFESSIONAL PROGRAM:  
Pre-Medicine**

**SUGGESTED SEQUENCE FOR KEY PREREQUISITE COURSES**

Consult with your academic adviser.

<b>Semester 1</b>	<b>Semester 2</b>
CHEM 160 MATH See adviser for placement BIOL See adviser for suggestions	CHEM 161 BIOL See adviser for suggestions
<b>Semester 3</b>	<b>Semester 4</b>
BIOL 225 (recommended) CHEM 360 PSY 203	BIOL 226 (recommended) SOC 100 CHEM 361
<b>Semester 5</b>	<b>Semester 6</b>
PHYS 205 CHEM 351 (recommended) BIOL 309	PHYS 206 BIOL 360
<b>Semester 7</b>	<b>Semester 8</b>
Complete final major courses	Complete final major courses

**Health Science Club**

**Members in Health Science Club would love to have you join!**

- Be sure to check your LoperMail for the weekly edition of the Health Science Weekly newsletter that will include information on upcoming activities.
- Interested students can also **Like** UNK Health Sciences on Facebook to learn more about the organization.



**Did you know?**

**More than 700 students are enrolled in Health Science programs at UNK.** ?

That means, one of 10 Loper students are interested in health-related careers. ?

**UNK has an excellent record helping health science students gain acceptance into professional schools or clinical programs.** ?

For more than a decade, the overall acceptance rate of UNK students into various health programs has been approximately 70 percent. ?

**Job shadowing leads to employment according to the U.S. Department of Labor.** ?

Not only will you benefit from the on-the-job training and gain insight into a particular career, industry, or company, but you will also be mentored. ?

**Learn more at**  
[www.unk.edu/healthsciences](http://www.unk.edu/healthsciences)

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**STUDENT PROFILE – Holly Hartman**

**Major:** Psychobiology      **Pre-professional program:** Pre-medicine  
**Graduation:** spring 2016      **Hometown:** Columbus, Neb.

“Ever since I was young, I have been extremely interested in how humans work, both physically and mentally. My major allows me to study both aspects of medicine in this way, and I want to have a career that will make a difference in people’s lives. What I like most about the biology and health science departments is participating in research because I am able to apply what I learn in class to actual situations, which is great. Professors are very willing to mentor undergraduate students.”

